

This listing of claims will replace all prior versions, and listings, of claims in the application:

**The Status of the Claims**

1. (Currently Amended) A firearm comprising:  
a housing having a handle;  
a safety ~~located in the housing~~ to selectively prevent firing;  
a first module removably attachable to the handle to form a rear grip element, the first module and containing an electronic identification device identifying a first authorized user, the electronic identification device controlling the safety to prevent firing by unauthorized persons and to permit firing by the first authorized user when the first module is attached to the handle; and  
~~—— a second module removably attachable to the handle in place of the first module such that the first and second modules are interchangeable, the second module interacting with the safety when the second module is attached to the handle to: (a) prevent firing by all persons, or (b) permit firing by all persons.~~
2. (Original) A firearm as defined in claim 1, further comprising a memory associated with the electronic identification device.
3. (Original) A firearm as defined in claim 1, wherein the electronic identification device is powered by current generated by movement

of a first part of the firearm relative to a second part of the firearm.

4. (Original) A firearm as defined in claim 3, wherein the first part comprises a magnet carried by a magazine.

5. (Original) A firearm as defined in claim 4, wherein the magazine is stored in the handle.

6. (Original) A firearm as defined in claim 3, wherein the first part comprises a breech or a structure that is movable together with the breech.

7. (Previously Amended) A firearm as defined in claim 1, further comprising a piezoelectric element positioned in at least one of the housing and the first module such that recoil stress caused by firing of a shot causes the piezoelectric element to generate current to power the electronic identification device.

8. (Original) A firearm as defined in claim 7 wherein the recoil stress is a result of movement of a recoil spring, a breech, or a powder-gas driven device.

9. (Original) A firearm as defined in claim 1, further comprising a magazine having an identification code which is read and

recorded by the electronic identification device.

10. (Previously Amended) A firearm as defined in claim 9 wherein the electronic identification device evaluates the identification code associated with the magazine to identify the first authorized user.

11. (Original) A firearm as defined in claim 1, further comprising a microphone coupled to the electronic identification device.

12. (Original) A firearm as defined in claim 11, wherein the electronic identification device comprises a voice recognition device or a word recognition device.

13. (Previously Amended) A firearm as defined in claim 12, wherein the voice recognition device is structured to recognize a normal voice, a whisper and a hoarse voice of the first authorized user.

14. (Previously Amended) A firearm as defined in claim 12, wherein the word recognition device is structured to recognize a word spoken in a normal voice, a whisper and a hoarse voice of the first authorized user.

15. (Previously Amended) A firearm as defined in claim 12, wherein the microphone is connected with a memory which records data

indicative of spoken commands from the first authorized user.

16. (Original) A firearm as defined in claim 15, further comprising a timer or time signal receiver, and wherein the data indicative of the spoken commands comprises a firing time.

17. (Original) A firearm as defined in claim 11, wherein the microphone is connected with a memory which records data reflecting firing of shots.

18. (Original) A firearm as defined in claim 17, further comprising a timer or time signal receiver, and wherein the data reflecting firing of shots comprises a firing time.

19. (Previously Amended) A firearm as defined in claim 17, wherein more than one user is the authorized user, and the data reflecting firing of shots comprises an identification of a shooter of the shots.

20. (Original) A firearm as defined in claim 2, wherein the memory stores an event indicative of a maintenance requirement of the firearm.

21. (Original) A firearm as defined in claim 1, wherein the electronic identification device comprises a sensor for iris recognition, the

sensor being directed toward an expected location of an aiming eye of a user attempting to fire the firearm.

22. (Previously Amended) A firearm as defined in claim 1, wherein the safety prevents firing when the first module is removed from the firearm.

23. (Currently Amended) A firearm comprising:  
a housing having a handle;  
a safety located in the housing to selectively prevent firing;  
a module removably attachable to the handle and containing an electronic identification device to identify an authorized user, the electronic identification device controlling the safety to prevent firing by unauthorized persons and to permit firing by the authorized user; and  
a blank module for installation in place of the module, wherein the blank module either (a) prevents firing by all persons or (b) permits firing by all persons.

24. (Original) A firearm as defined in claim 23, wherein the blank module is incapable of releasing the safety.

25. (Original) A firearm as defined in claim 23, wherein the blank module releases the safety.

26. (Previously Amended) A firearm as defined in claim 1, further comprising a contact sensor which activates the safety if the firearm is dropped.

27. (Previously Amended) A firearm as defined in claim 2, wherein the firearm has a firearm identification number and the firearm identification number is written to the memory to record connection of the module to the firearm.

28. (Cancelled).

29. (Cancelled).

30. (Cancelled).

31. (Cancelled).

32. (Cancelled).

33. (Cancelled).

34. (Cancelled)

35. (Currently Amended) A firearm as defined in claim ~~[[1]]~~ 37, wherein the second module is incapable of releasing the safety.

36. (Currently Amended) A firearm as defined in claim ~~[[1]]~~ 37, wherein the second module releases the safety for all users.

Please add the following new claim:

37. (New) A firearm as defined in claim 1, further comprising a second module removably attachable to the handle in place of the first module such that the first and second modules are interchangeable, wherein when the second module is attached to the handle, the second module: (a) prevents firing by all persons, or (b) permits firing by all persons.